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Earphones

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Road safety

- Do not use the earphones while riding a bicycle, driving any kind of motor vehicle or motorcycle.
  This is very dangerous and is illegal in certain regions.
  It is dangerous to listen to earphones at high volume while crossing roads.

In order to protect your hearing

- Do not wear the earphones with the volume set too high.
  Doctors state that listening to music at high volume for prolonged periods is harmful to hearing.
- If you experience a ringing in your ears, reduce the volume or stop listening.

Ambient operating conditions

- Ambient temperature : 5°C~35°C (41°F~95°F)
- Humidity : 10~75%

Environmental information

- Your unit consists of materials which can be recycled if disassembled by a specialized company. Please observe local regulations regarding the disposal of packing materials, exhausted batteries and old equipment.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1

- Use of controls adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

- **CLASS 1 LASER PRODUCT**
  This Compact Disc player is classified as a CLASS 1 LASER product.
- CAUTION-INVISIBLE LASER RADIATION WHEN OPEN AND INTER LOCKS DEFEATED, AVOID EXPOSURE TO BEAM.

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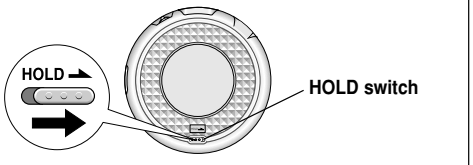
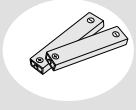
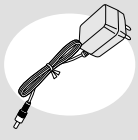
1. OPEN switch
2. • SKIP
   • POWER ON/OFF
   • PLAY/PAUSE (▶II)
   – VOLUME
3. Remote control Connection jack
4. AC Adaptor & External Battery Pack Connector

Bottom of the Main Unit

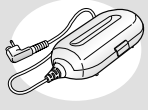




Rechargeable Batteries
(Ni-MH: 1350mAh 1.2V) x 2



AC adaptor



External
battery pack

User Manual

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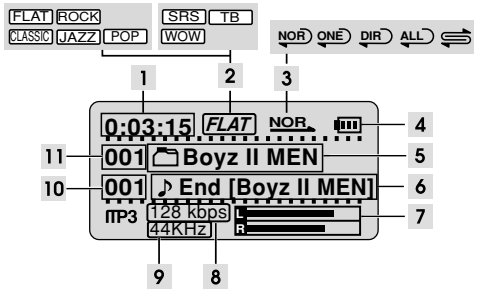
Display

The picture of the display panel below is based on MP3-CD playback.



1. Play Time Indicator
2. EQ/SRS Mode Indicator
3. Playback or Repeat Mode Indicator
4. Remaining Battery Power Indicator
5. Directory Name Indicator (MP3(WMA)-CD Only)
6. Title Indicator (MP3(WMA)-CD Only)
7. • L/R Channel Level Indicator
8. Bit Rate Indicator (MP3(WMA)-CD Only)
9. Sampling Frequency Indicator (MP3(WMA)-CD Only)
10. Track Number Indicator
11. Directory Number Indicator (MP3(WMA)-CD Only)

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Using rechargeable batteries

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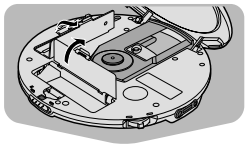
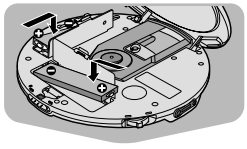
1 **Open the cover of the battery compartment.**



2 **Insert the rechargeable batteries into the battery compartment.**

- Carefully check the correct orientation of the positive and negative terminals of the battery.



3 **An AC adaptor must be connected to the AC outlet and power input.**

- Charging of the rechargeable batteries will commence.

➢ **AC adaptor :** DC 4.5V, 500mA

Note

- **Time taken to fully charge the battery :** 10 hours
- **Battery life of fully charged battery**
  WMA-CD : 18 hours max.
  CD : 10 hours max

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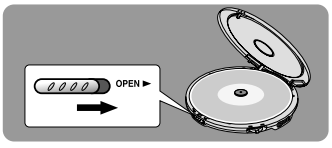
CD Playback

GB

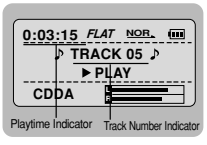
1 **Slide the OPEN button to open the door.**
Insert a CD.

• Push the door to close it.



2 **Press the SEL key to the ▶II position.**

• Once the CD is recognized, playback commences.
• To pause playback, press the SEL key to the ▶II position.
• To resume playback, press the SEL key to the ▶II position again.

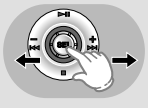


3 **To stop playback, press the SEL key to the ■ position.**

• Press and hold the SEL key to the ■ position to switch off the unit.
• If no buttons are pressed, the power will automatically switch off after 15 seconds.

To Adjust the Volume

- **Remote Control:** Press the SEL button to display volume bar. You can adjust volume level by pressing the SEL key to the left or right.
- **Main Unit:** Press and hold the SEL key to the left or right to adjust the volume.



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Skip/Search function

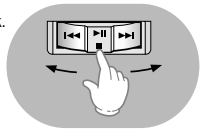
Skip

GB

Press the SEL key to the left or right.

(Slide the I◀◀ or ▶▶I to the left or right on the main unit.)

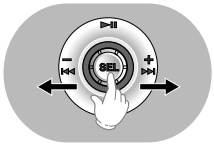
Main Unit



- Press the SEL key to the ▶▶I position to play the next track. Press the SEL key to the I◀◀ position to go back to the beginning of the current track. (Press the SEL key to the I◀◀ position twice to repeat the previous track).
- Press the SEL key to the ▶▶I position while the unit is in "Stop" (no playback) mode. Track 2 will be played back. Press the SEL key to the I◀◀ position to play back the previous song.

Search

Remote Control

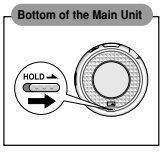


Press and hold the SEL key to the left or right during playback of a CD.

- Press and hold the SEL key to the left or right. The CD will play back in fast forward or fast reverse mode.
- Release the key to return to normal playback mode.

HOLD function

Bottom of the Main Unit



- Buttons pressed during CD playback will not function.
- Use the HOLD function when carrying your CD Player around with you. Use of this function will allow you to conserve battery life as it prevents the CD Player from being turned on if a button is pressed unintentionally.
- The remote control will still operate while the HOLD function on the main unit is active. (On the display, the "HOLD" indicator will be displayed.)
- The main unit will still operate while the HOLD function on the remote control is active.(On the display, the " 🔒 " indicator will be displayed.)

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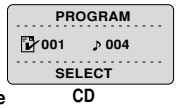
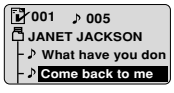
To confirm the program

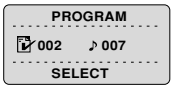
GB

- In the stop mode, press and hold the PROG. button.
- Each time the NAVI. is pressed, track numbers will be shown on the display according to their program sequence.



CD





CD

To change the program

- To change the programmed tracks during program confirmation, press the SEL key to the left or right to select the track to change.
- Press the SEL key.

To cancel the program mode

- Press the SEL key to the ■ position twice during program playback.
- The Program mode will also be canceled if the lid opens during programming.

Warning

- During programming, if no action is performed for about 40 seconds, the player will automatically turn itself off to conserve battery power consumption.

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SRS/+10 Function

SRS function

• This function is not available during playback of a WMA-CD.

GB

You can enjoy a 3D sound with a sense of presence using the SRS, TruBass, and WOW functions.

Press the SRS button to select the desired setting.

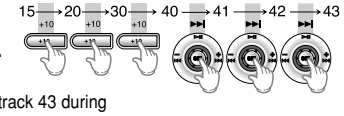
- **FLAT** : The selected FLAT mode will be used to play back music files.
- **SRS** : Select this for 3D surround sound.
- **TB** : Select this to boost bass for more realistic sound.
- **WOW** : This mode is a combination of SRS and TB.

Note

• SRS(●) WOW is a trademark of SRS Labs, Inc.
WOW technology is incorporated under license from SRS Labs, Inc.

+10 function

- **Press the +10 button briefly while playing back a CD. Playback will skip 10 tracks.**



Example : If you want to select track 43 during playback of track 15, press the +10 button three times, then press the ▶▶I button three times.

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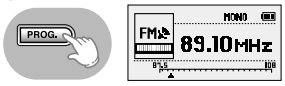
Presetting Stations in Memory(Memory function)

• You can either manually or automatically preset and store FM stations.

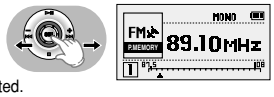
EXAMPLE: Storing an FM station at 89.10 MHz into preset number 2

1 **Tune into a station of 89.10 MHz, and then press the PROG. button on the remote control.**



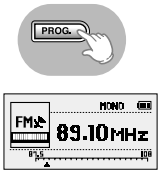
2 **Press the ⏮ or ⏭ to select the preset "P.MEMORY 2".**

• Each time the button is pressed a higher or lower preset number is selected.



3 **Press the PROG. button again to store the station.**

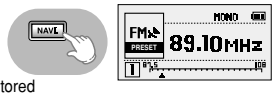
• The preset number disappears, indicating that the station has been stored.
• Repeat steps 1 to 3 to change the station or store other stations. You can preset up to 15 stations.



Tuning in to a Preset Station

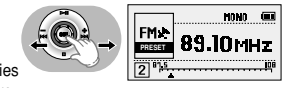
1 **If you have already stored stations into memory, press the NAVI. button on the remote control.**

• "PRESET" and the station frequency stored under that preset number appear on the display.



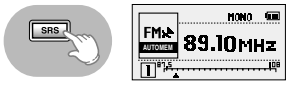
2 **Press the ⏮ or ⏭ to select the desired preset number.**

• "PRESET" remains, and the frequencies of the preset stations are displayed in turn.



Auto Memory Function

• **Press and hold the SRS button to store up to 15 of the received stations automatically.**



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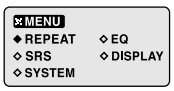
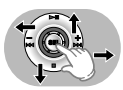
Repeat function

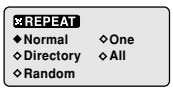
1 **Select REPEAT from the main menu.**



GB

2 **Use the SEL key (I◀◀ , ▶▶I , ■ , ▶II) to select the desired REPEAT mode.**





- Press the NAVI. button to go back to the higher level menu or to exit to the display.

("Repeat Directory" only works for an MP3(WMA)-CD which contains directories.)

Mode	Repeat Mode indicator	Description
NORMAL	NOR	- Plays all of the tracks on a CD once.
REPEAT ONE	ONE	- Repeatedly plays one song.
REPEAT DIRECTORY	DIR	- Repeatedly plays all of the songs in the selected directory.
REPEAT ALL	ALL	- Repeatedly plays all of the tracks on a CD.
RANDOM		- Plays all of the tracks on a CD in random order.

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Display function

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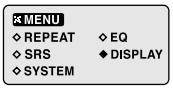
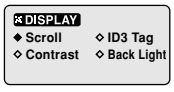
1 **Select DISPLAY from the main menu.**



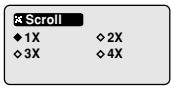
2 **Use the SEL key (I◀◀ , ▶▶I , ■ , ▶II) to select the desired menu, and then press the SEL button.**

• A list of functions will appear.



Scroll

- **Use the SEL key (I◀◀ , ▶▶I , ■ , ▶II) to set the scroll speed.**
- **You can adjust the scroll speed of the song titles.**



• 1X : Scrolls at normal speed.	• 3X : Scrolls at three times the normal speed.
• 2X : Scrolls at two times the normal speed.	• 4X : Scrolls at four times the normal speed.

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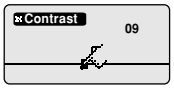
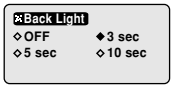
Contrast

- **Use the SEL key (I◀◀ , ▶▶I) to set the contrast.**
- **The setting range of the contrast, which adjusts the brightness of the screen, is 0 to 19.**



Back Light

- Use the SEL key (I◀◀ , ▶▶I , ■ , ▶II) to set the backlight-on time.
- **OFF**: Turns off the backlight.
- **3 SEC** : Turns on the backlight for 3 seconds.
- **5 SEC** : Turns on the backlight for 5 seconds.
- **10 SEC** : Turns on the backlight for 10 seconds.



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Language

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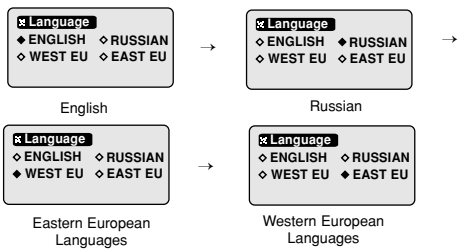
- **Use the SEL key (I◀◀ , ▶▶I , ■ , ▶II) to select the language in which the ID3 Tag of music files will be displayed.**



- **Languages Supported**
  - Western Europe: Albanian, Catalan, Danish, Dutch, English, Faeroese, Finnish, French, Galician, German, Icelandic, Italian, Norwegian, Portuguese, Spanish, Swedish
  - Eastern Europe: Croatian, Czech, Estonian, Hungarian, Latvian, Lithuanian, Polish, Romanian, Slovak, Slovene
  - Russian: Bulgarian, Byelorussian, Macedonian, Russian, Serbian, Ukrainian

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Default

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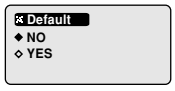
- Use the SEL key (■ , ▶II) to select DEFAULT NO or YES.
- **YES:** Initializes all settings to their default values.
- **No:** Maintains the existing settings.



Default Settings

- REPEAT : NORMAL
- EQ : FLAT
- SCROLL SPEED : 2X
- ID3 TAG : ON
- LCD CONTRAST : 9
- SRS : OFF
- BACKLIGHT : 3 sec
- LANGUAGE : ENGLISH
- RESUME : ON
- CD VEOS : ON
- SLEEP : OFF
- DEFAULT : NO
- VOL : 20
- TRU EFFECT : 6
- WOW EFFECT : 8
- SPEAKER SIZE : 2

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Precautions when using compact discs

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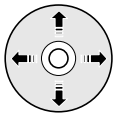
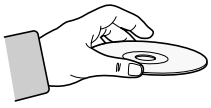
Looking after your CDs

Wash the disc with a neutral detergent diluted in water, and then wipe gently with a soft dry cloth from the center of the disc to the outside.



Handling your CDs

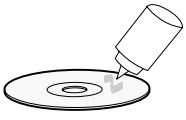
Carefully pick up the disc by its edge without touching the disc's surface.



Do not attach stickers to the signal surface (the side with shiny, rainbow colors).

Do not write on the labeled (printed) side with a ballpoint pen or a pencil.

Do not clean your CDs with record spray or anti-static.
Do not use volatile chemicals such as benzene or thinners.



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Specifications

Item	Description
* **Frequency range**	20Hz ~ 20KHz
* **Earphone output**	320mV(RMS), 6.4mW/CH, 16Ω
* **Signal/noise ratio**	90dB (1kHz)
* **Total harmonic distortion**	0.1% (1kHz, 0dB)
Format Support	CD-DA (8Cm/12Cm)
	CD-ROM Mode 1, Mode 2 Form 1
CD-R/RW Readability	ISO 9660, Joliet
	Romeo, Multi-session
File Support	MPEG 1 Layer 3, WMA
Bit Rate	8kbps~320kbps (MP3)
	32kbps~320kbps (WMA)
FM Frequency Range	87.5MHz ~ 108.0MHz
FM Distortion	0.5% (MONO)
FM S/N Ratio	51dB
FM Stereo Separation	35dB
Tag Support	ID3 V1, ID3 V2
Power Adapter	DC 4.5V 500mA
Internal Rechargeable Batteries	Two Square-shaped 1350 mAh Ni-MH Batteries
External Batteries	1.5V AA/LR6 type x 2
Dimensions	136(W) X 19.2(H) X 136(D)
Weight	192g

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File Compatibility

- Only files in MP3 Format (Mpeg1 Layer3), with an .mp3 as the file extension, and WMA files with .WMA extension can be played back.

How many MP3 files can a CD-R or CD-RW disc record?

- The maximum capacity of one CD-R or CD-RW disc is 700MB.
  Normally, one MP3 file has a capacity of 4MB, therefore approximately 170 files can be recorded on a single disc.

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SAMSUNG

Portable MP3-CD Player

MP3-CD, WMA-CD, CD-DA Playback

MCD-CF570

Instruction Manual

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